

Map Viewer

User Tutorial

Questions not answered in this document? Please contact us at
rma.pm.gissupport@rma.usda.gov

Contents

- ▶ Introduction
- ▶ Disclaimer
- ▶ Program Tabs
 - SCO
 - Program Description
 - Create Map
 - Legend
 - Print Setup
 - APH Yield Exclusion
 - Program Description
 - Create Map
 - Legend
 - Print Setup

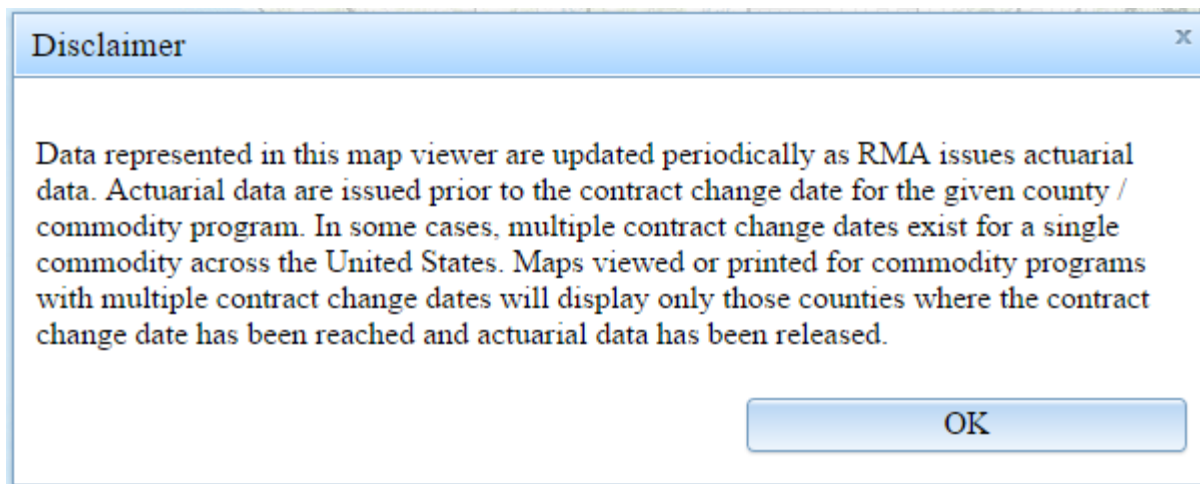


Introduction

- ▶ This tutorial provides general guidance on the features of the Farm Bill Map Viewer Application.
- ▶ After completing this tutorial, you will be able to:
 - Select a specific Farm Bill program
 - Create a map based on your requirements
 - Reset your map selection
 - Understand your map with legend assistance
 - Print displayed maps



Disclaimer



When the application opens, a disclaimer is shown informing the user of important information regarding the displayed maps.

The user must click 'OK' to access the application.



Program Tab – SCO Maps



The top of the Map Viewer displays tabs with each available Farm Bill product, to show program availability/details. Click the desired product tab to get more information on the specific program.

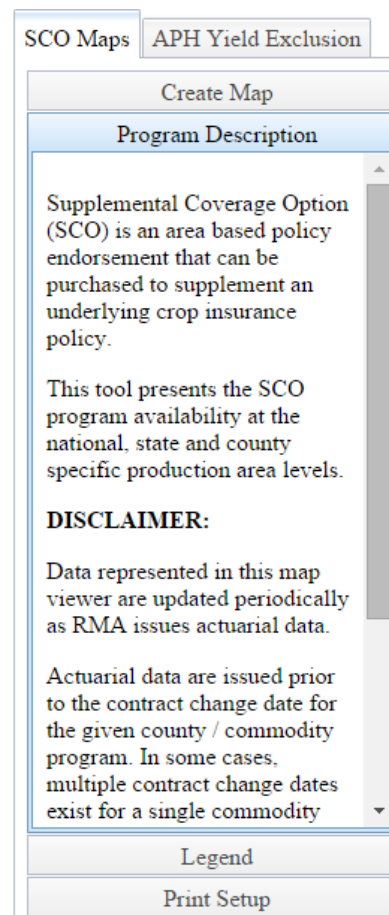
The SCO Maps tab shows users if the SCO program is available for their commodity, practice, state, and county combinations.



Program Description – SCO Maps

This section provides an overview about Supplemental Coverage Option (SCO).

It also includes a disclaimer regarding the map creation and program availability.



The screenshot shows a web application interface for "SCO Maps". At the top, there are two tabs: "SCO Maps" (which is active) and "APH Yield Exclusion". Below the tabs is a "Create Map" button. Underneath that is a section titled "Program Description" with a scrollable text area. The text in the scroll area reads: "Supplemental Coverage Option (SCO) is an area based policy endorsement that can be purchased to supplement an underlying crop insurance policy. This tool presents the SCO program availability at the national, state and county specific production area levels. **DISCLAIMER:** Data represented in this map viewer are updated periodically as RMA issues actuarial data. Actuarial data are issued prior to the contract change date for the given county / commodity program. In some cases, multiple contract change dates exist for a single commodity". Below the scroll area are two buttons: "Legend" and "Print Setup".



Create Map - SCO

The *Create Map* section allows the user to search by commodity year, commodity, irrigation type, state, and county.

The user can also view a data table instead of the default map view.

The section also gives the user a **Reset** button that allows the search criteria to reset in order to search for another combination to check for program availability.

The screenshot displays the 'SCO Maps' interface. At the top, there are two tabs: 'SCO Maps' and 'APH Yield Exclusion'. The 'SCO Maps' tab is active. Below the tabs is a 'Create Map' section. This section contains five dropdown menus for selection: 'Select Commodity Year' (currently showing '(Select)'), 'Select Commodity', 'Select Irrigation', 'Select State', and 'Select County'. Below these dropdowns are two buttons: 'View Data Table' and 'Reset'. At the bottom of the interface, there are three buttons: 'Program Description', 'Legend', and 'Print Setup'.



Create Map - SCO

The map defaults to a national view of the United States. Once the user selects **Commodity Year**, **Commodity** and **Irrigation Practice**, the map updates to show the counties within the United States that offer the SCO coverage for the selected criteria highlighted in green.

Create Map

Select Commodity Year

2016

Select Commodity

Canola

Select Irrigation

Irrigated

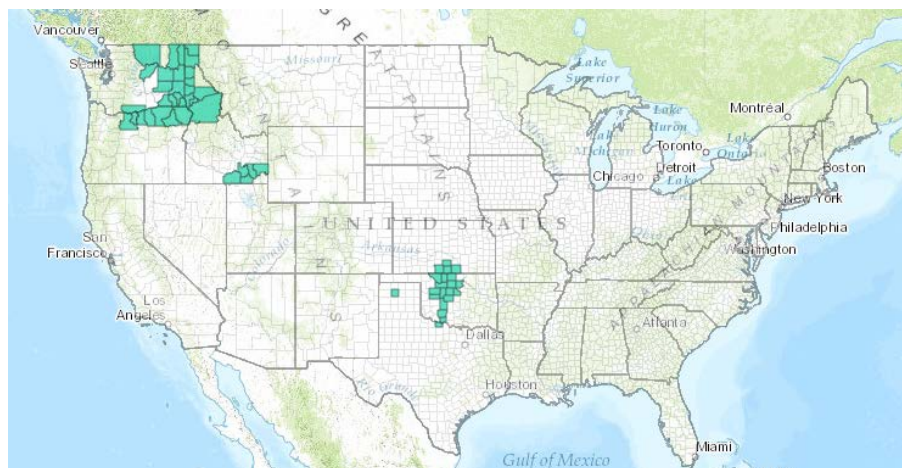
Select State

(Select)

Select County

View Data Table

Reset



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Create Map - SCO

Once the user selects the specific state of interest, the map zooms into the state, showing the specific counties highlighted in that state that offer the SCO coverage for the selected criteria.

Create Map

Select Commodity Year

2016

Select Commodity

Canola

Select Irrigation

Irrigated

Select State

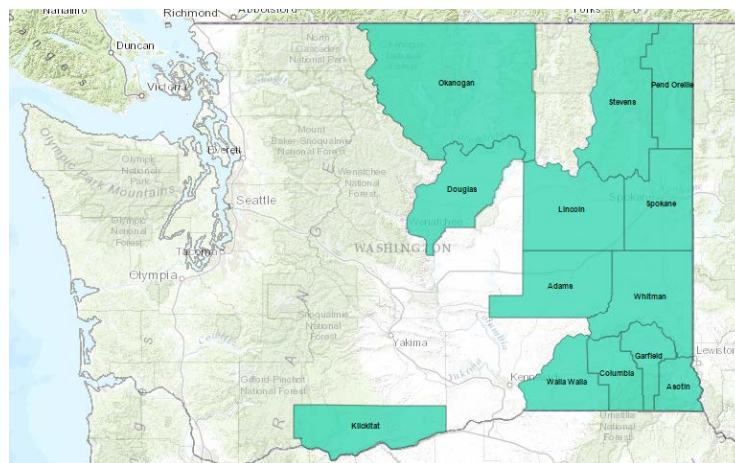
Washington

Select County

(Select)

View Data Table

Reset



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Create Map - SCO

Once the user selects the specific county of interest, the map zooms into the specific county, showing availability of the SCO coverage for the selected criteria.

At times, the county selected is part of a county group that offers the coverage based on group experience. This displays on the map with all counties associated in the group highlighted in green, with a red border around the selected county.

Create Map

Select Commodity Year

2016

Select Commodity

Mint

Select Irrigation

Irrigated

Select State

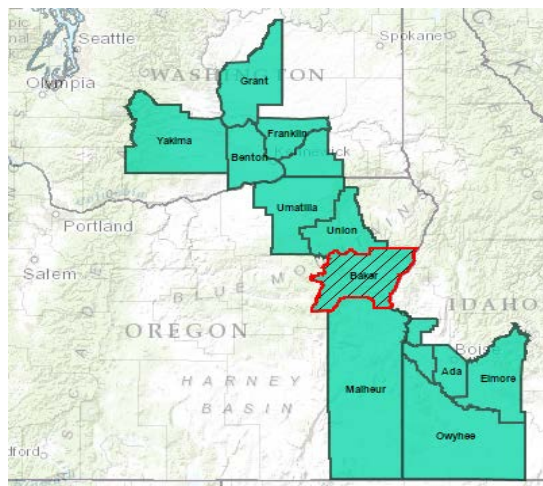
Oregon

Select County

Baker

View Data Table

Reset



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Create Map - SCO

In some instances, when viewing at a county level, the specified irrigation practice has been grouped in with another irrigation practice for eligibility. When this happens, a disclaimer displays under the county selected saying, “**SCO Coverage based on Non-Irrigated Practice.” The practice listed would not be the selected Irrigation.

The map shows the county highlighted in green, which indicates that SCO Coverage is available.

Create Map

Select Commodity Year

2016

Select Commodity

Wheat

Select Irrigation

Irrigated

Select State

Alabama

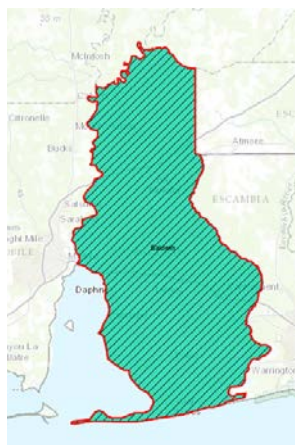
Select County

Baldwin

**SCO Coverage based on
Non-Irrigated Practice

View Data Table

Reset



Create Map – SCO – Table View

To see the results of the selected filters in a table view, click **View Data Table**.

This displays the results in a table view. The button changes to **View Map** to return to the results in a map view.

View Map

Create Map

Select Commodity Year

2016

Select Commodity

Wheat

Select Irrigation

Irrigated

Select State

Alabama

Select County

Baldwin

**SCO Coverage based on
Non-Irrigated Practice

View Data Table

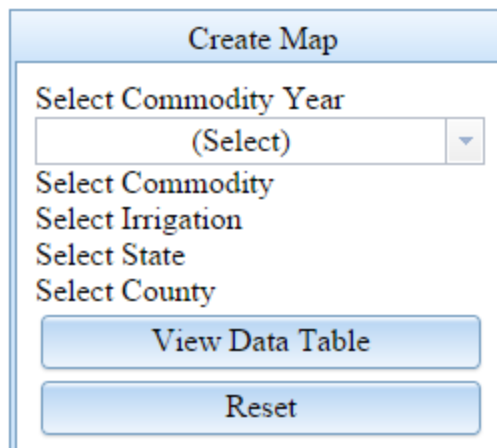
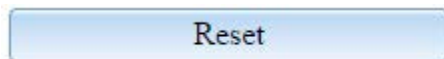
Reset

County Name	State	Reference Practice
Baldwin	AL	Based On Non-Irrigated



Create Map – SCO – Reset

At any point, the user can click the **Reset** button. This removes all entered filter criteria, requiring the user to start by selecting the Commodity Year.

A dialog box titled "Create Map" with a light blue header. It contains five text input fields: "Select Commodity Year" (with a dropdown arrow and "(Select)" text), "Select Commodity", "Select Irrigation", "Select State", and "Select County". Below these fields are two buttons: "View Data Table" and "Reset", both with light blue gradients and dark blue text.

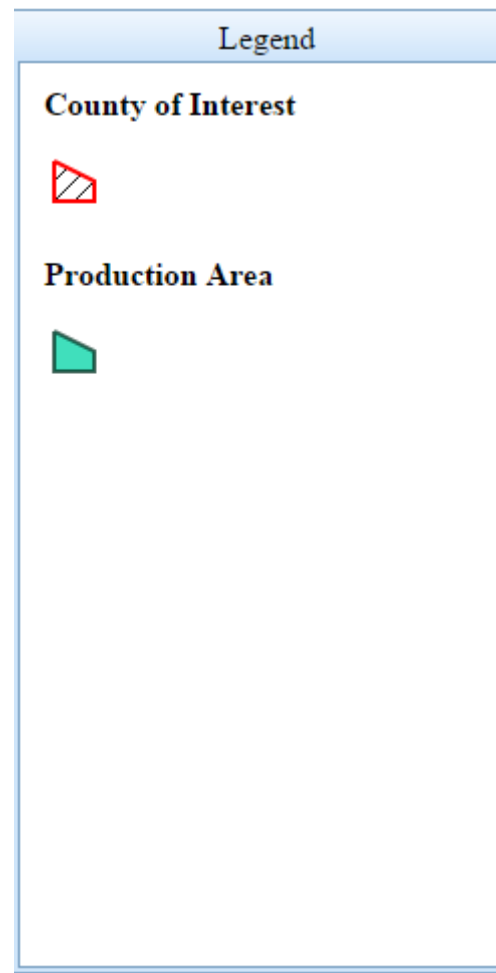
Legend - SCO

The *Legend* shows any map-specific details to define for the user the meaning of specialized markings.

For SCO, the only two items that will show up on the legend is the *County of Interest* and the *Production Area*.

County of Interest is only used when a specific county has been selected. This marking shows the user their specific county on the map.

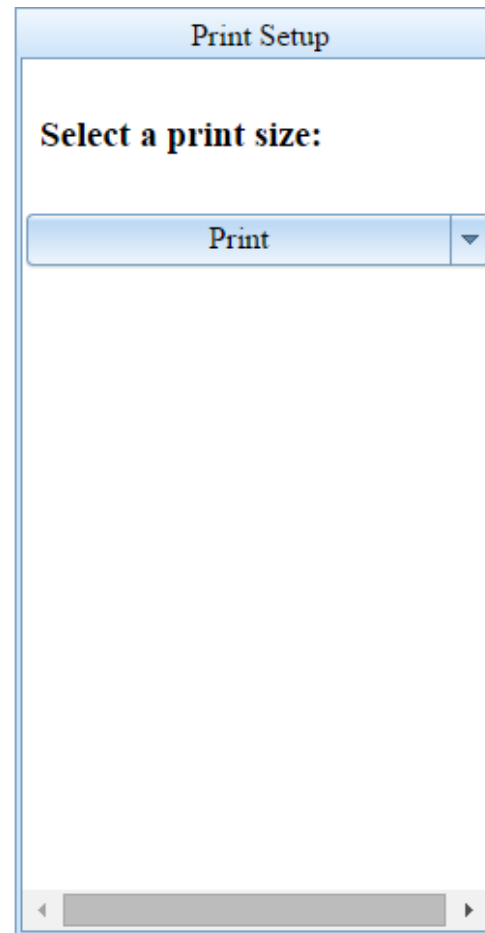
Production Area shows the user all counties in the specified view that are eligible for the SCO endorsement.



Print Setup - SCO

The *Print Setup* area gives the user the ability to print the displayed map.

The user can choose **Landscape** or **Portrait** in the dropdown list.



The image shows a 'Print Setup' dialog box. It has a title bar labeled 'Print Setup'. Inside the dialog, there is a label 'Select a print size:' followed by a dropdown menu. The dropdown menu is currently showing the word 'Print' and has a small downward arrow on its right side. Below the dropdown menu is a large empty rectangular area. At the bottom of the dialog box, there is a horizontal scrollbar with a slider and arrow buttons.

Program Tab – APH Yield Exclusion



At the top of the Map Viewer, there are tabs for each available Farm Bill product, to show program availability/details. Click the desired product to get more information on the specific program.

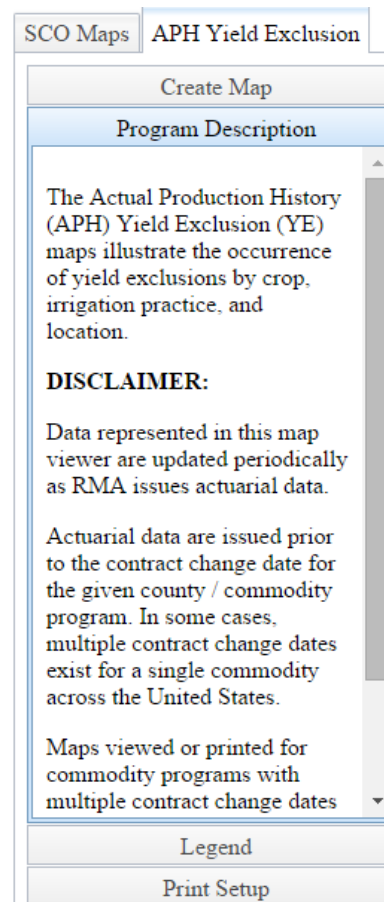
The APH Yield Exclusion tab informs users of the years they can exclude based on their commodity, practice, state and county combination to lower their insurance cost.



Program Description – APH Yield Exclusion

This section provides an overview about APH Yield Exclusion.

It also includes a disclaimer regarding the map creation and program availability.



Create Map - APH Yield Exclusion

The *Create Map* section allows the user to search by Commodity Year, Commodity, Irrigation Practice, State, and County.

The user can also view a data table instead of the default map view.

The section also gives the user a **Reset** button that allows the search criteria to reset in order to search for another combination to check program availability.

The screenshot shows a web application interface with two tabs at the top: 'SCO Maps' and 'APH Yield Exclusion'. The 'APH Yield Exclusion' tab is active. Below the tabs is a 'Create Map' section. This section contains five dropdown menus: 'Select Commodity Year' (with '(Select)' as the current value), 'Select Commodity', 'Select Irrigation', 'Select State', and 'Select County'. Below these dropdowns are two buttons: 'View Data Table' and 'Reset'. At the bottom of the interface, there are three more buttons: 'Program Description', 'Legend', and 'Print Setup'.



Create Map - APH Yield Exclusion

The map defaults to a national view of the United States. Once the user selects **Commodity Year**, **Commodity**, and **Irrigation** practice, the map updates to show each county in the United States, color coded based on how many years each county has been eligible to be excluded.

Create Map

Select Commodity Year

2016

Select Commodity

Wheat

Select Irrigation

Non-Irrigated

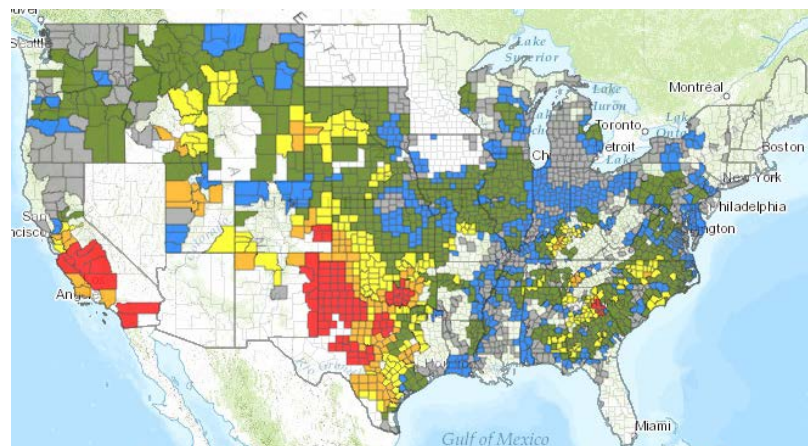
Select State

(Select)

Select County

View Data Table

Reset



Create Map - APH Yield Exclusion

Once the user selects the specific state of interest, the map zooms into the state, showing the specific counties highlighted based on how many years each county has been available to be excluded, based on the selection criteria chosen.

Create Map

Select Commodity Year

2016

Select Commodity

Wheat

Select Irrigation

Non-Irrigated

Select State

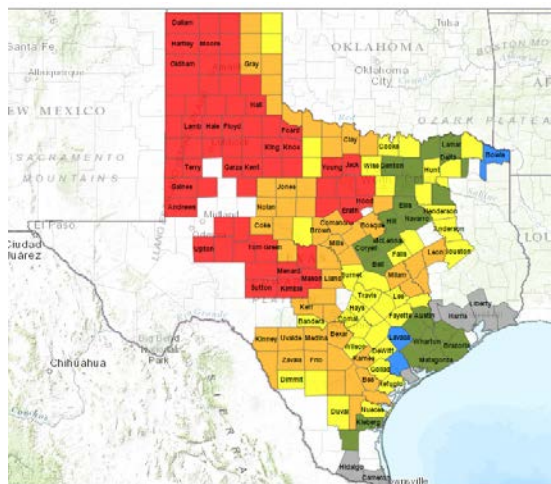
Texas

Select County

(Select)

View Data Table

Reset



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Create Map - APH Yield Exclusion

At the state-level map, the user can hover over a county of interest and view a pop-up window showing them:

- County Name
- Total Years Excluded
- Primary Years (number of years the county itself had eligibility)
- Contiguous Years (number of years the county is eligible based on surrounding county experience)
- Years Excluded

Create Map

Select Commodity Year

2016

Select Commodity

Wheat

Select Irrigation

Non-Irrigated

Select State

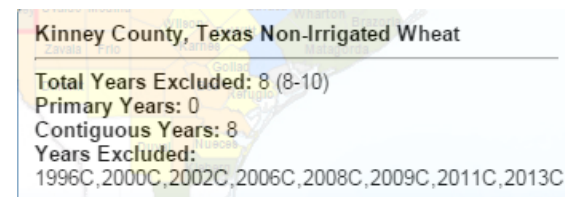
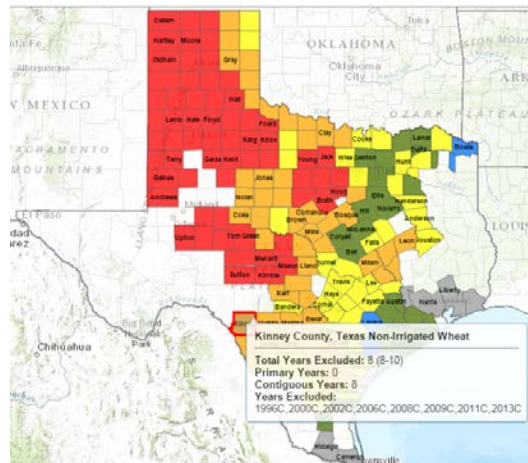
Texas

Select County

(Select)

View Data Table

Reset



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Create Map - APH Yield Exclusion

Once the user selects the specific county of interest, the map zooms into the specific county.

The county remains highlighted based on how many years eligible for exclusion.

Create Map

Select Commodity Year

2016

Select Commodity

Wheat

Select Irrigation

Non-Irrigated

Select State

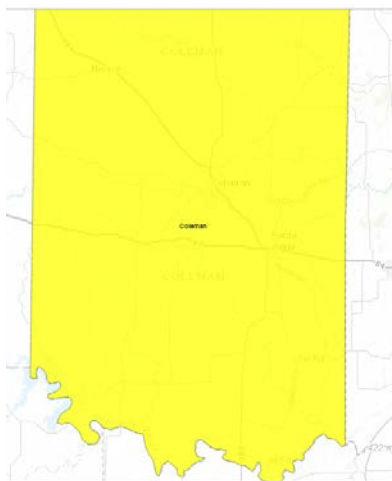
Texas

Select County

Coleman

View Data Table

Reset



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Create Map - APH Yield Exclusion

At the county-level map, the user can hover over the county and view a pop-up window showing:

- County Name
- Total Years Excluded
- Primary Years (number of years the county itself had eligibility)
- Contiguous Years (number of years the county is eligible based on surrounding county experience), and the Years Excluded.

Create Map

Select Commodity Year

2016

Select Commodity

Wheat

Select Irrigation

Non-Irrigated

Select State

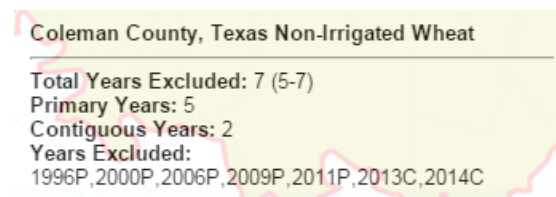
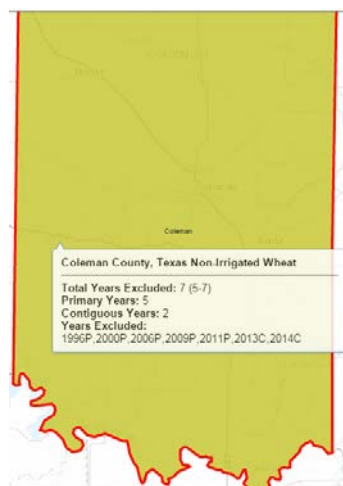
Texas

Select County

Coleman

View Data Table

Reset



Create Map – APH Yield Exclusion– Table View

To see the results of the selected filters in a table view, the user clicks **View Data Table**.

This displays the results in a table view. The button then changes to **View Map**, to return to the results in a map view.

View Map

Create Map

Select Commodity Year

2016

Select Commodity

Wheat

Select Irrigation

Non-Irrigated

Select State

Texas

Select County

Coleman

View Map

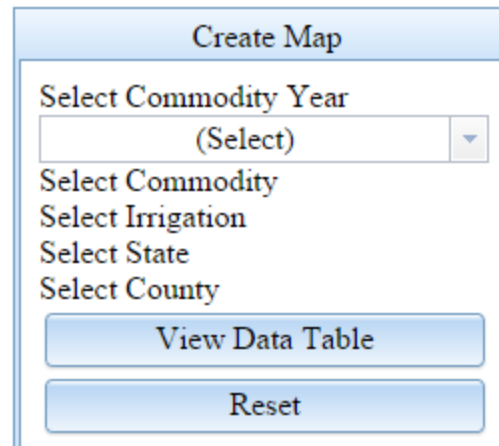
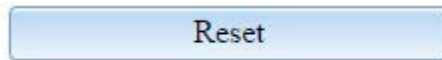
Reset

Commodity Year	State Name	County Name	Commodity Name	Irrigation Practice	Number of Excluded Years	Primary Years	Contiguous Years	Years Excluded
2016	Texas	Coleman	Wheat	Non-Irrigated	1996P,2000P,2006P,2009P,2011P,2013C,2014C	5	2	7



Create Map – APH Yield Exclusion – Reset

At any point, the user can click the **Reset** button. This removes all entered filter criteria, requiring the user to start by selecting the Commodity Year.

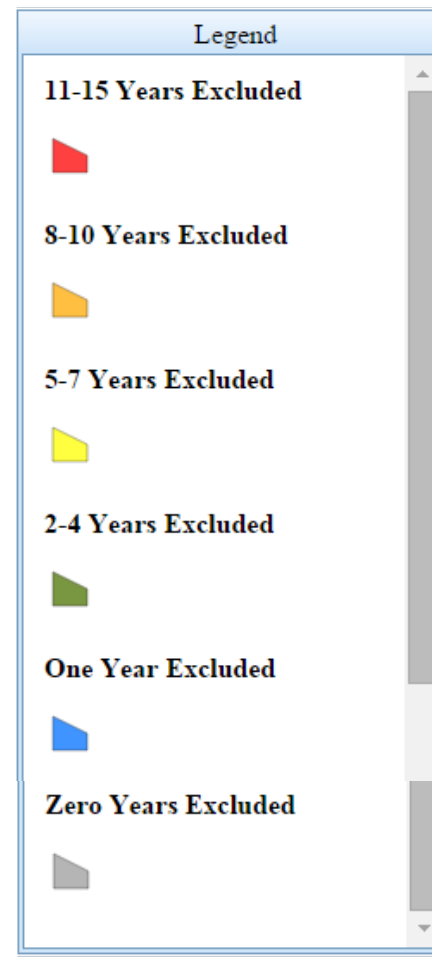
A form titled "Create Map" with a light blue header. It contains five dropdown menus: "Select Commodity Year" (showing "(Select)"), "Select Commodity", "Select Irrigation", "Select State", and "Select County". Below the dropdowns are two buttons: "View Data Table" and "Reset", both with light blue gradients and borders.

Legend - APH Yield Exclusion

The legend shows any map-specific details to define for the user the meaning of specialized markings.

For APH Yield Exclusion, the items that appear on the map show buckets:

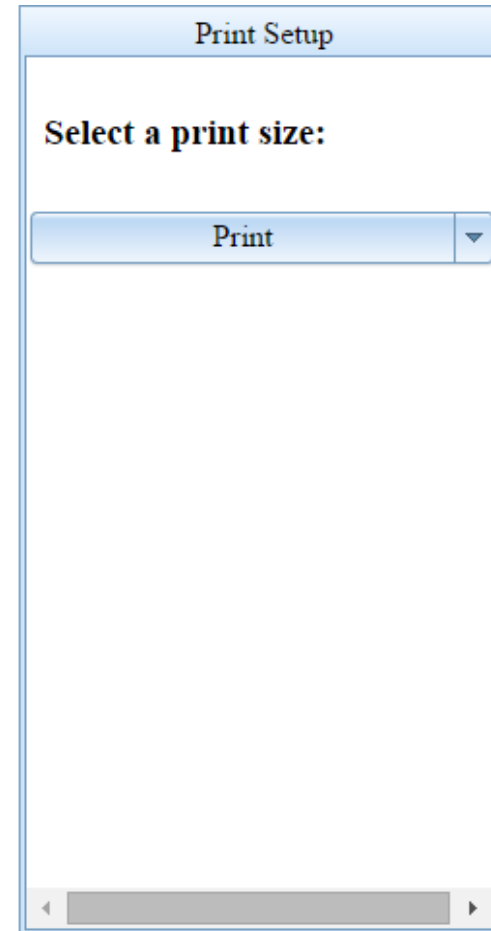
- Zero Years Excluded
- One Year Excluded
- 2-4 Years Excluded
- 5-7 Years Excluded
- 8-10 Years Excluded
- 11-15 Years Excluded



Print Setup - APH Yield Exclusion

The *Print Setup* area gives the user the ability to print the displayed map.

The dropdown list gives the user the ability to choose Landscape or Portrait.

A screenshot of a 'Print Setup' dialog box. The dialog has a title bar labeled 'Print Setup'. Inside, there is a label 'Select a print size:' followed by a dropdown menu. The dropdown menu is currently showing the word 'Print' and has a small downward-pointing arrow on its right side. Below the dropdown is a large empty rectangular area. At the bottom of the dialog, there is a horizontal scrollbar with a grey track and a white slider.

End of Tutorial

Questions?

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